



Agriculture Across Michigan

Michigan Annual Crop Summary

Michigan crop production was down for most crops compared to 2016, with the exception of potatoes and dry edible beans. Continuous precipitation in April and through mid-May put crop progress behind the five year average. Warm temperatures in June helped to dry soils and allowed many producers to catch up, but crop progress remained behind schedule through September. While the rainy growing season caused many delays, crop conditions remained good and harvest finished on schedule.

Michigan's average corn for grain yield was 159 bushels, up 2 bushels from last year. Corn was stressed from lack of rain in some areas, and yellowing from too much rain in others. Harvest progressed ahead of last year through October and was about 84 percent done by the end of November. Silage yield, at 18.5 tons per acre, was down 1.0 ton from last year.

Soybean yield, at 42.5 bushels per acre, was down 8.0 bushels from last year's record yield. Soybeans benefited from above average precipitation and progressed on or ahead of schedule throughout July. Weather conditions kept the soybean crop in great condition for most of the season.

Sugarbeet yield, at 25.2 tons per acre, was down 5.6 tons per acre from last year.

Dry bean production in the State totaled 4.39 million hundredweight, a 10 percent increase from the previous year. Dry bean harvest started behind schedule but was completed by mid-November, ahead of schedule.

All hay production was 2.14 million tons, down 9 percent from last year.

Area Planted and Harvested, Yield, and Production by Crop – Michigan and United States: 2015 - 2017

Commodity	Michigan			United States		
	2015	2016	2017	2015	2016	2017
Beans, dry						
Planted 1,000 acres	275	210	220	1,765	1,662	2,092
Harvested 1,000 acres	272	208	219	1,708	1,558	2,013
Yield..... Pounds	2,030	1,920	2,010	1,759	1,842	1,781
Production 1,000 cwt	5,533	4,002	4,394	30,057	28,703	35,845
Corn, all						
Planted 1,000 acres	2,350	2,400	2,250	88,019	94,004	90,167
Corn, grain						
Harvested 1,000 acres	2,070	2,040	1,890	80,753	86,748	82,703
Yield..... Bushels	162.0	157.0	159.0	168.4	174.6	176.6
Production 1,000 bu	335,340	320,280	300,510	13,601,964	15,148,038	14,604,067
Corn, silage						
Harvested 1,000 acres	260	340	340	6,237	6,186	6,434
Yield..... Tons	19.0	19.5	18.5	20.4	20.3	19.9
Production 1,000 tons	4,940	6,630	6,290	127,311	125,670	128,356
Hay, all						
Harvested 1,000 acres	970	870	900	54,447	53,481	53,784
Yield..... Tons	2.68	2.71	2.38	2.47	2.52	2.44
Production 1,000 tons	2,604	2,357	2,143	134,502	134,995	131,455
Spearmint						
Harvested 1,000 acres	(D)	(D)	(D)	25.8	24.5	22.3
Yield..... Pounds	(D)	(D)	(D)	114	131	125
Production 1,000 lbs	(D)	(D)	(D)	2,930	3,208	2,796
Soybeans						
Planted 1,000 acres	2,030	2,070	2,280	82,650	83,433	90,142
Harvested 1,000 acres	2,020	2,060	2,270	81,732	82,696	89,522
Yield..... Bushels	49.0	50.5	42.5	48.0	52.0	49.1
Production 1,000 bu	98,980	104,030	96,475	3,926,339	4,296,086	4,391,553
Sugarbeets						
Planted 1,000 acres	152	151	144	1,160	1,163	1,131
Harvested 1,000 acres	151	149	143	1,145	1,126	1,114
Yield..... Tons	31.7	30.8	25.2	30.9	32.8	31.7
Production 1,000 tons	4,787	4,589	3,604	35,371	36,920	35,325

(D) Withheld to avoid disclosing data for individual operations.

Michigan Winter Wheat Seedings

Michigan winter wheat seeded area for 2018 is estimated at 530,000 acres, an increase of 10 percent from last year. Winter wheat plantings began in mid-September, but fell behind schedule somewhat due to the abnormally dry conditions. Once the soil moisture improved, farmers got the wheat in the ground quickly, finishing plantings by the beginning of November, ahead of both last year and the five-year average. Warmer temperatures and wet weather allowed for quick emergence before the ground froze.

The crop was reported to be 70% in good to excellent condition by November 26.

U.S. winter wheat planted area for harvest in 2018 is estimated at 32.6 million acres, down less than 1 percent from 2017 and down 10 percent from 2016. This represents the second lowest United States acreage on record. Seedings, which began in early September, remained behind the 5-year average seeding pace through early November when seeding was mostly complete.

Winter wheat area seeded, 2016 - 2018

Item	Michigan			United States		
	2016	2017	2018	2016	2017	2018
Planted..... 1,000 acres	610	480	530	36,152	32,696	32,608
Harvested..... 1,000 acres	570	425		30,237	25,291	
Yield..... Bushels	89	79		55.3	50.2	
Production..... 1,000 bushels	50,730	33,575		1,672,582	1,269,437	

November Agricultural Prices

Prices received by Michigan farmers for the full month of November 2017 are listed in the table below. Some Michigan highlights were: November corn, at \$3.24 per bushel, was down \$0.04 from October and was unchanged from last year; November soybeans, at \$9.22 per bushel, was up \$0.01 from last month and was down \$0.23 from last year; November wheat, at \$4.08 per bushel, was down \$0.45 from October and was up \$0.14 from last year; November milk, at \$16.60 per cwt., was up \$0.30 from last month, and was up \$0.60 from last year.

The November Prices Received Index (Agricultural Production), at 91.0, increased 4.2 percent from October 2017. At 81.4, the Crop Production Index decreased 1.0 percent. The

Livestock Production Index, at 101.7, increased 8.1 percent. Producers received higher prices for market eggs, cattle, hogs, and broilers but lower prices for lettuce, corn, apples, and turkeys. Compared with a year earlier, the Prices Received Index is up 9.1 percent. The Crop Production Index increased 1.1 percent and the Livestock Production Index increased 18 percent. In addition to prices, the indexes are influenced by the volume change of commodities producers market. Increased monthly movement of cattle, corn, milk, and cotton offset the decreased marketing of soybeans, grapes, potatoes, and wheat. The Food Commodities Index, at 99.9, increased 7.7 percent from the previous month and 12 percent from November 2016.

Prices Received by Farmers¹, November 2017

Commodity	Michigan			United States		
	Nov 2016	Oct 2017	Nov 2017	Nov 2016	Oct 2017	Nov 2017
Beans, dry edible dollars/cwt	32.50	28.50	28.50	29.90	26.10	27.30
Corn dollars/bu	3.24	3.28	3.24	3.24	3.26	3.15
Hay, alfalfa dollars/ton	160.00	165.00	160.00	130.00	152.00	148.00
Hay, other dollars/ton	120.00	130.00	135.00	120.00	118.00	118.00
Oats dollars/bu	(D)	2.98	3.22	2.23	2.55	2.68
Potatoes..... dollars/cwt	(D)			8.51		
Soybeans dollars/bu	9.45	9.21	9.22	9.47	9.18	9.22
Wheat, winter dollars/bu	3.94	4.53	4.08	3.41	4.17	4.07
Milk, all dollars/cwt	16.00	16.30	16.60	17.80	17.90	18.10

(D) Withheld to avoid disclosing data for individual operations.

¹ Entire month weighted average price.

December Hogs and Pigs

Michigan's total hog and pig inventory on December 1 was estimated at 1.18 million head, up 50,000 head from a year ago. Breeding hog inventory, at 120,000 head, was up 9 percent from last December. Market hog inventory, at 1,060,000 head, was up 4 percent from last year. The average pigs saved per litter for the September to November quarter was 10.90, up 0.3 from the same period last year.

United States inventory of all hogs and pigs on December 1, 2017 was 73.2 million head. This was up 2 percent from December 1, 2016, but down slightly from September 1, 2017.

United States hog producers intend to have 3.07 million sows farrow during the December-February 2018 quarter, up 3 percent from the actual farrowings during the same period in 2017, and up 5 percent from 2016. Intended farrowings for March-May 2018, at 3.08 million sows, are up 2 percent from 2017, and up 4 percent from 2016.

Hog inventory and farrowings: Michigan and United States, December 1, 2017

Hogs and pigs	Michigan			U.S.		
	2016	2017	Change	2016	2017	Change
	1,000 head	1,000 head	Percent	1,000 head	1,000 head	Percent
Breeding	110	120	9	6,110	6,179	1
Market	1,020	1,060	4	65,435	67,051	2
Under 50 pounds	300	330	10	20,887	21,447	3
50-119 pounds	265	240	-9	18,102	18,549	2
120-179 pounds	215	245	14	13,786	14,105	2
180+ pounds	240	245	2	12,660	12,949	2
Total	1,130	1,180	4	71,545	73,230	2
Sows farrowed, Sep-Nov	49	53	8	3,046	3,109	2
Pigs/litter, Sep-Nov	10.60	10.90	3	10.63	10.74	1
Pig crop, Sep-Nov	519	578	11	32,372	33,399	3
Sows farrowing, Dec-Feb ^{1 2}	50	57	14	2,986	3,070	3
Sows farrowing, Mar-May ^{1 2}	50	58	16	3,014	3,083	2

¹ Intentions.

² Upcoming year.

Chickens and Eggs

All layers in Michigan totaled 14.6 million during November, up 2 percent from a year ago. Egg production totaled 357 million eggs, up 3 percent from last year. The rate of lay during November was 2,451 eggs per 100 layers. On December 1, 2017 in the East North Central Region, which includes Michigan, Illinois, Indiana, Ohio, and Wisconsin, there were 5.7 million egg-type eggs in

incubators, up 4 percent from a year earlier. In the same region, there were 16.6 million broiler-type eggs in incubators, up 9 percent from the previous year. There were 23.2 million turkey poults hatched in the U.S. in November, 2 percent above the previous year.

Egg and Hatchery Production, November 2017

Item		2016	2017	Percent Change
Michigan				
All layers	Thousand	14,238	14,570	2
Eggs per hundred layers	Number	2,432	2,451	1
Eggs produced	Million	346	357	3
East North Central Region				
Eggs in incubators, Dec 1				
Egg-type	Thousand	5,465	5,679	4
Broiler type	Thousand	15,257	16,561	9
U.S.				
All Layers	Thousand	374,040	378,092	1
Eggs per hundred layers	Number	2,328	2,306	-1
Eggs produced	Million	8,707	8,717	0
Turkey Eggs in incubators, Dec 1	Thousand	28,795	27,716	-4
Turkey Poults hatched, Nov	Thousand	22,782	23,166	2

December 1 Grain Stocks

On December 1, 2017, Michigan corn stocks totaled 236.9 million bushels, 7 percent lower than a year earlier. About 65 percent of the corn was stored on farms. The first quarter disappearance was 112.6 million bushels, compared with 104.8 million bushels a year earlier. Soybean stocks on December 1, 2017, were 68.1 million bushels. That was 5 percent lower than stocks a year earlier. The first quarter indicated disappearance was 35.5 million bushels. Farm stocks of soybeans were 30 million bushels. Wheat stocks on December 1, 2017, were 44.7 million bushels, 4 percent below a year ago. Approximately 94 percent of wheat stocks were in commercial storage. Second quarter indicated disappearance was 7.9 million bushels, 12 percent of supply.

November Milk Production

Dairy herds in Michigan produced 901 million pounds of milk during November, up 2.2 percent from a year ago. The daily rate per cow was 70.2 pounds, up 0.7 pounds from November 2016. The dairy herd was estimated at 428,000 head for November, up 5,000 head from a year earlier. The average price of milk sold in November by Michigan dairy producers was \$16.60 per cwt., \$0.60 more than the price in November 2016.

Michigan Dairy Summary, November 2017

Item		2015	2016	2017
Cows	1,000 Hd	411	423	428
Milk per cow	Lb/day	68.3	69.5	70.2
Production	Mil lbs	843	882	901
Milk price, all	Dol/cwt	17.80	16.00	16.60
Fat test	Pct	3.73	3.76	3.76
Protein ¹	Pct	3.18	3.20	3.21

¹ FMO 33

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USDA NASS Great Lakes Region
P.O. Box 30239
Lansing, MI 48909-9983
(517) 324-5300 FAX (855) 270-2709
Email: nassrflr@usda.gov

Thank You to our Data Providers

The USDA, NASS, Great Lakes Region and enumerator staff are pleased to provide you and the Michigan agricultural industry with current, reliable information as summarized in the following articles. This service is possible because you and other respondents provided us with timely survey responses. Thank you!